



PATENT  
09/213,856

VERSION WITH MARKING TO SHOW CHANGES MADE

Please amend claim 1 to read as follows:

1 1. (Amended) An interactive computer controlled display  
2 system with speech command input recognition comprising:  
3 means for predetermining a plurality of speech commands  
4 for respectively initiating each of a corresponding  
5 plurality of system actions,  
6 means for providing for each of said plurality of  
7 commands, an associated set of non-command speech terms,  
8 each term having relevance to its associated command,  
9 means for detecting speech command and non-command  
10 speech terms,  
11 means responsive to a detected speech command for  
12 displaying said command, and  
13 means responsive to a detected non-command speech term  
14 having relevance to one of said commands for displaying the  
15 relevant command.

Please amend claim 6 to read as follows:

1       6. (Amended) A method for providing speech command input to  
2       an interactive computer controlled display system with  
3       speech command input recognition comprising:

4           predetermining a plurality of speech commands for  
5       respectively initiating each of a corresponding plurality of  
6       system actions,

7           providing for each of said plurality of commands, an  
8       associated set of non-command speech terms, each term having  
9       relevance to its associated command,

10          detecting speech command and non-command speech terms,  
11          displaying a speech command responsive to its detection  
12       as a speech command, and

13          responsive to a detected non-command speech term having  
14       relevance to one of said commands displaying the relevant  
15       command.

Please amend claim 11 to read as follows:

1       11. (Amended) A computer program having program code  
2       included on a computer readable medium for speech command  
3       input recognition in an interactive computer controlled  
4       display system comprising:

5               means for predetermining a plurality of speech commands  
6       for respectively initiating each of a corresponding  
7       plurality of system actions,

8               means for providing for each of said plurality of  
9       commands, an associated set of non-command speech terms,  
10      each term having relevance to its associated command,

11              means for detecting speech command and non-command  
12      speech terms,

13              means responsive to a detected speech command for  
14      displaying said command, and

15              means responsive to a detected non-command speech term  
16      having relevance to one of said commands for displaying the  
17      relevant command.



REMARKS

The claims have been provisionally rejected based on double patenting with respect to claims 1-15 of copending Application No. 09/213,858. It is respectfully requested that this rejection be held in abeyance until claims are allowed at which time, Applicants are prepared to provide appropriate terminal disclaimers.

The rejection of claims 1-15 as unpatentable under 35 U.S.C. 102(b) as anticipated by White et al. (US No. 5,386,494) is respectfully traversed.

The claims have been amended to emphasize the clear distinction over White et al.

White et al. does not disclose or suggest means which are responsive to speech terms that are not speech commands to display speech commands which are relevant to the speech terms. White et al. only deals with the detection of spoken commands. While White et al. may display speech commands which are related or even relevant to other speech commands, it does deal with the detection with speech terms which are not commands. White et al. only discloses the detection of commands.

Both the system of the present invention and that of White et al. are directed to speech recognition computer systems in which specified actions are performed on the computer controlled display in response to specific spoken commands. However unlike White et al., the present invention goes on to deal with other speech terms which are not any of the specific commands directly recognizable by the system. These speech terms have similar meanings to any of the specified commands recognized by the system, and such speech terms could be reasonably spoken by a user trying to achieve the same results as a specified command. The

present invention establishes means for detecting whether such a non-command speech term may have relevance to one of the specified commands, and for then displaying the specified command if such relevance is detected. This gives the user the opportunity of learning and thus using the specific command recognized by the system to achieve his desired affects.

White et al. do not even consider spoken terms which are not commands. All of the spoken words detected by White et al. are specific commands recognizable by their system. When White et al. present a menu of alternate commands to the recognized spoken command, as in Fig. 5A, these alternate commands are not displayed in response to the detection of non-command speech terms. The alternate commands are displayed either automatically by the system in response to a spoken command or requested by the user such alternate commands cover functions related to that of the spoken command.

Even in Fig. 5C in White et al. which present menus of synonym commands, these synonyms are not offered in response to the detection of non-command speech terms but rather these synonyms are provided in response to specific speech commands because they may offer more specific commands for carrying out the function of the specific speech command. Thus, White et al. are in no way concerned with the detection of or the response to speech terms which are not commands.

In view of the foregoing, claims 1-15, all of the claims in the present patent application are submitted to be in condition for allowance, such allowance is respectfully requested.

Respectfully submitted,

  
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